

FIG. 1

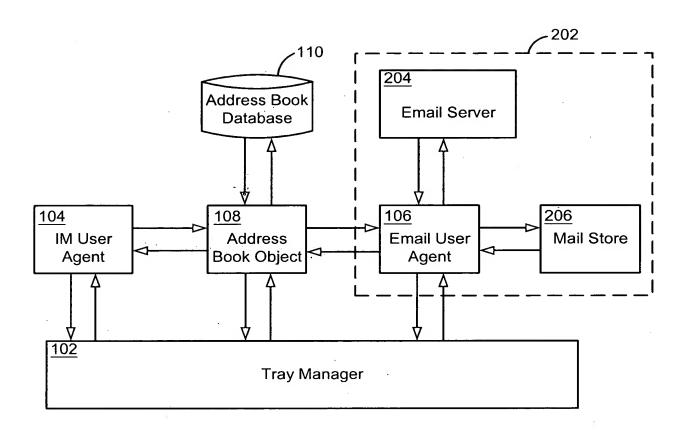


FIG. 2A

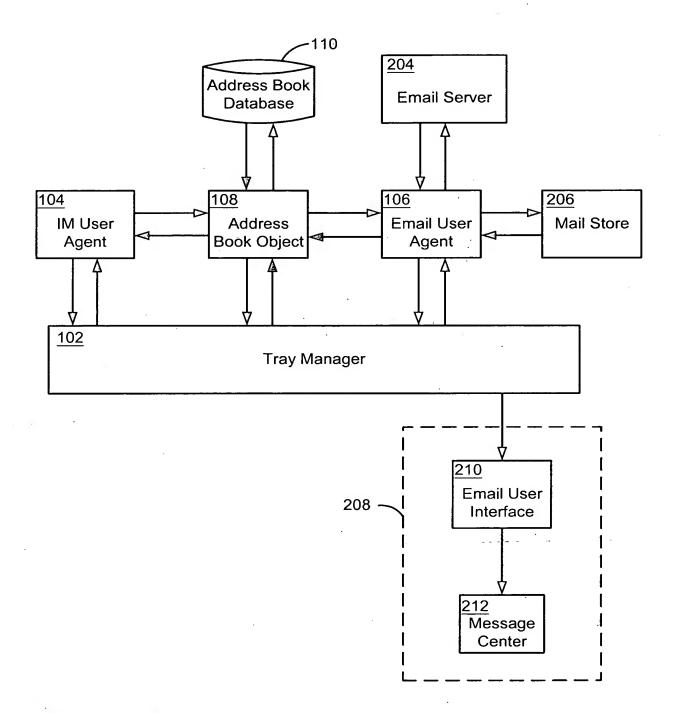
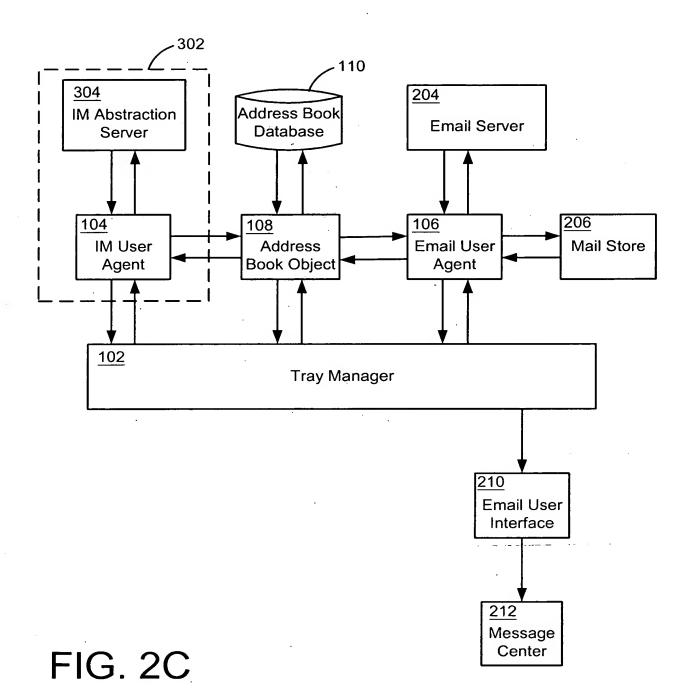


FIG. 2B



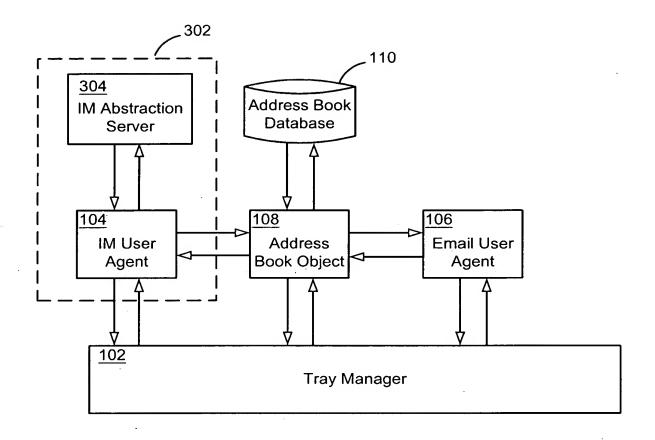
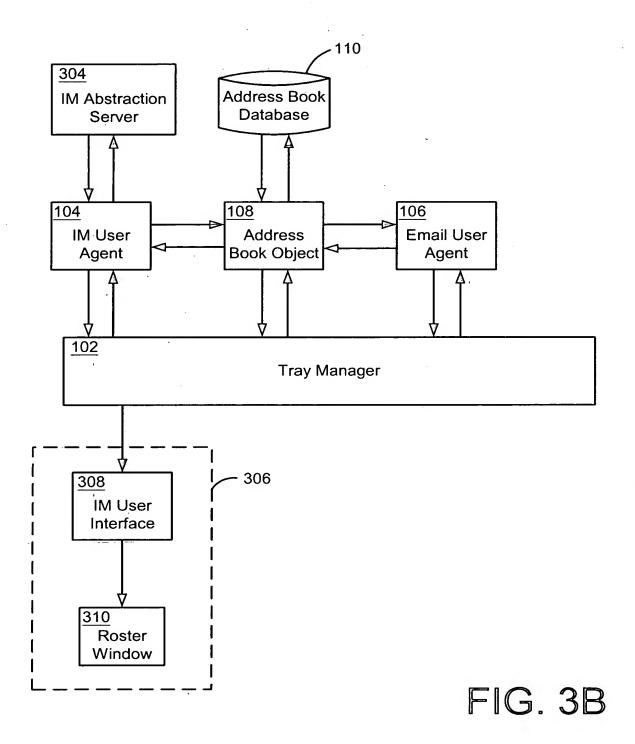
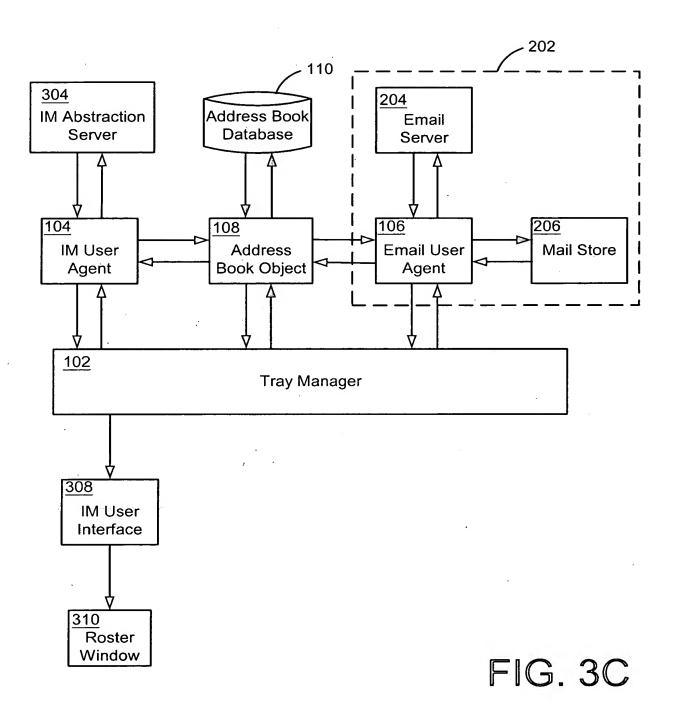


FIG. 3A





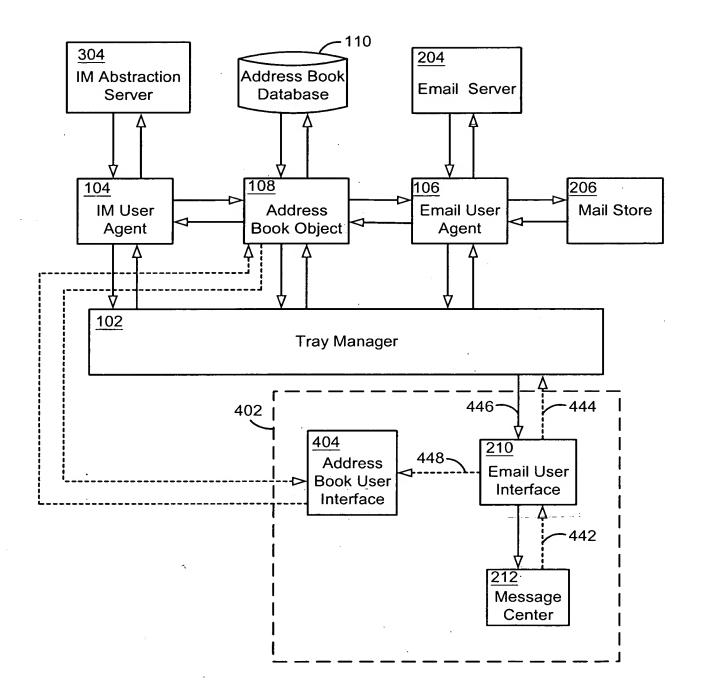
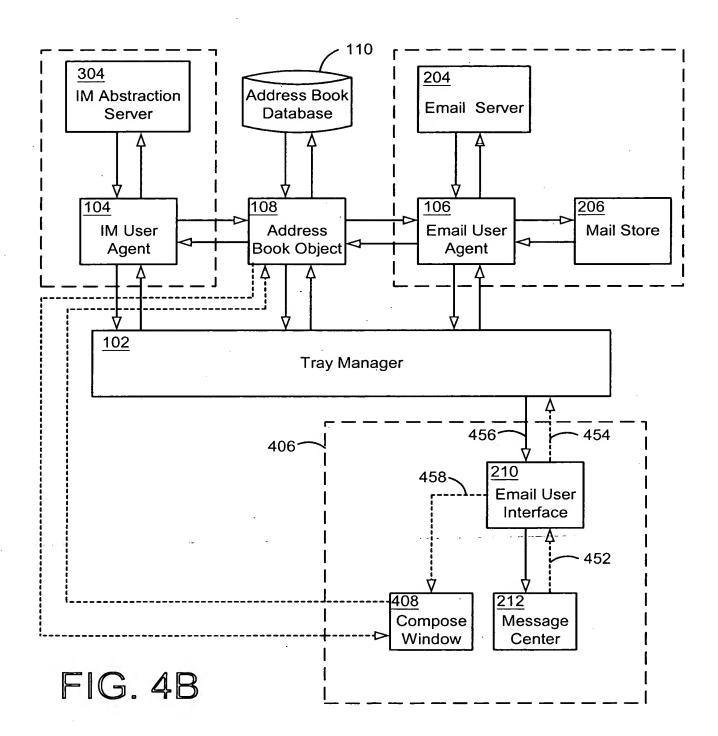
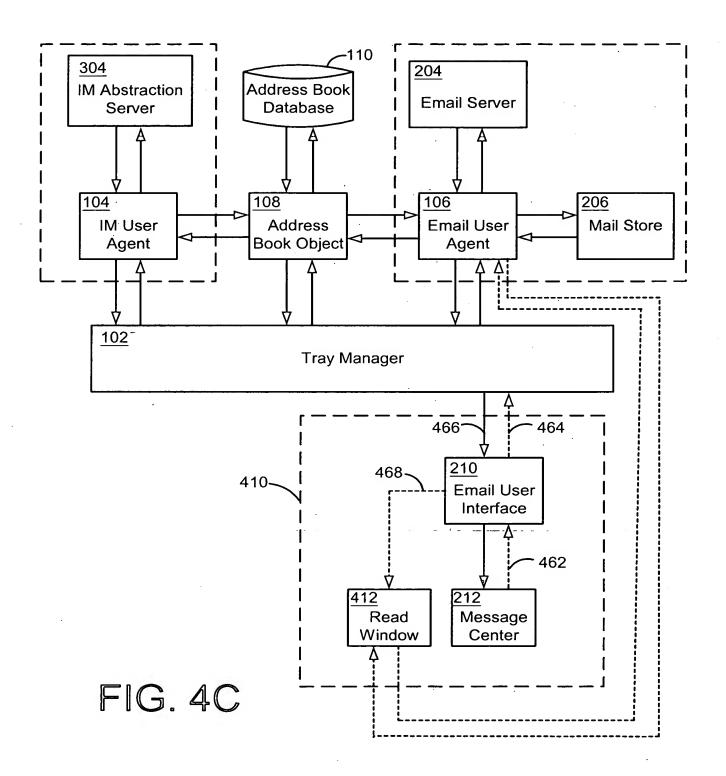


FIG. 4A





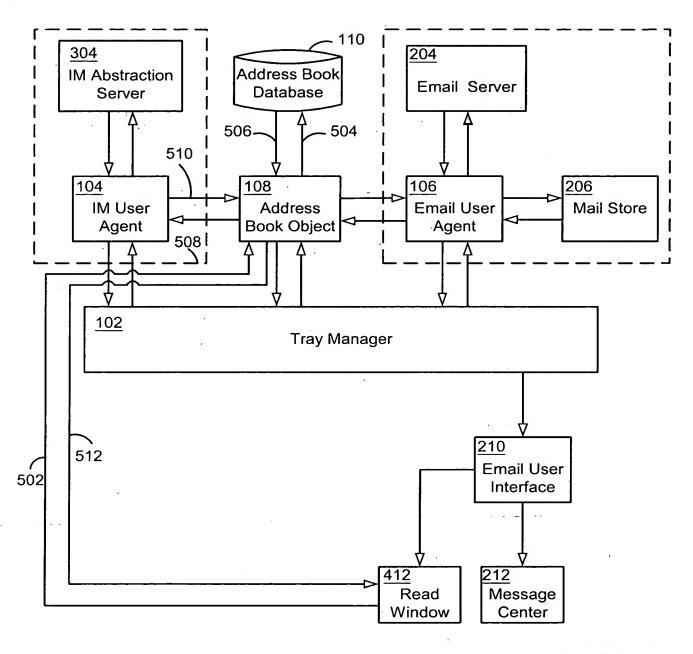


FIG. 5

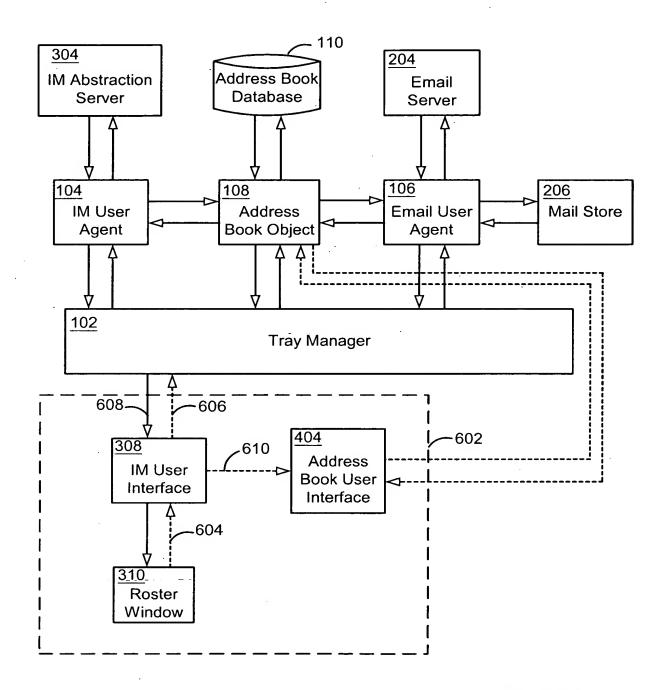
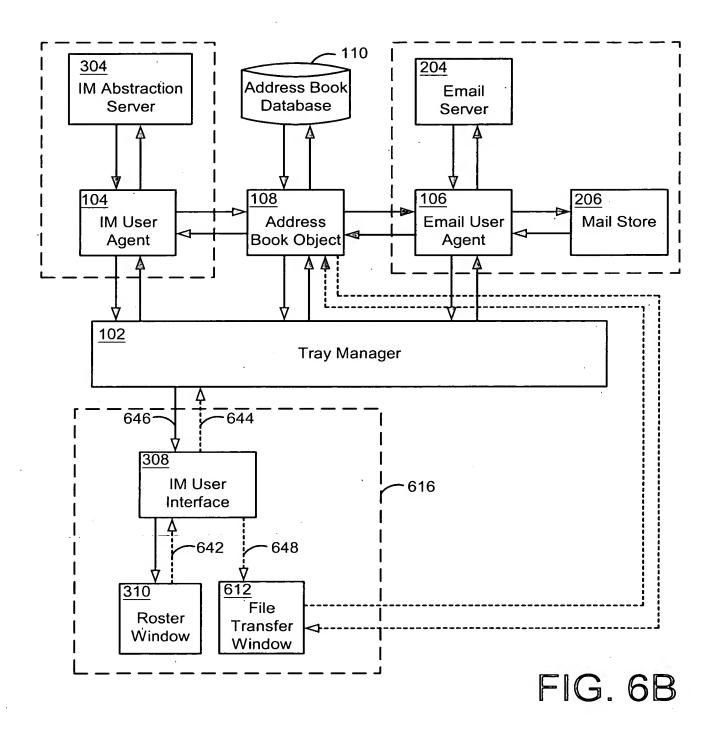
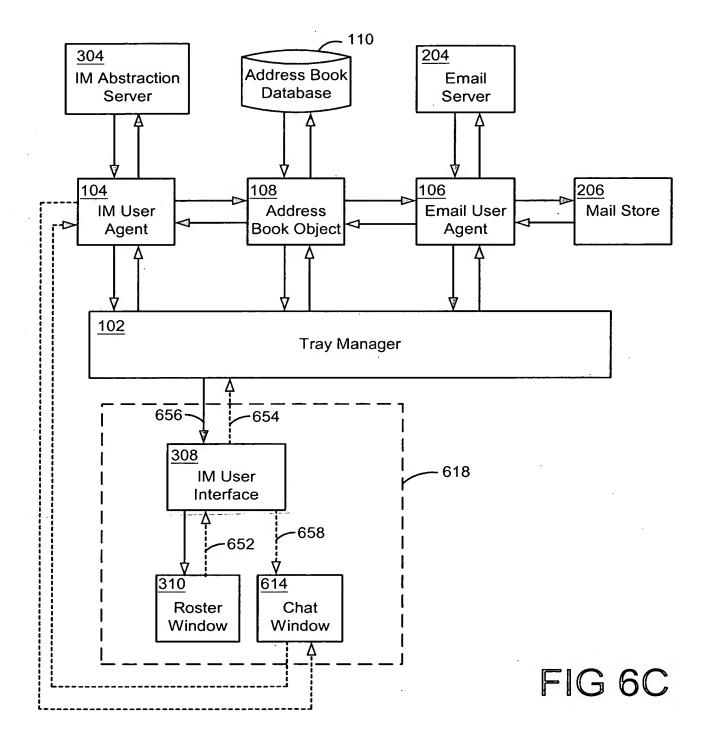


FIG. 6A





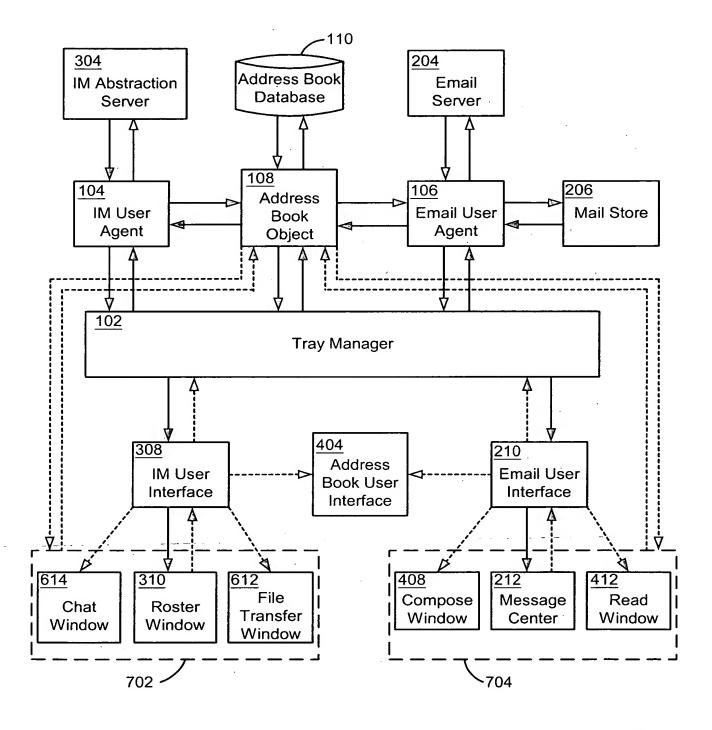
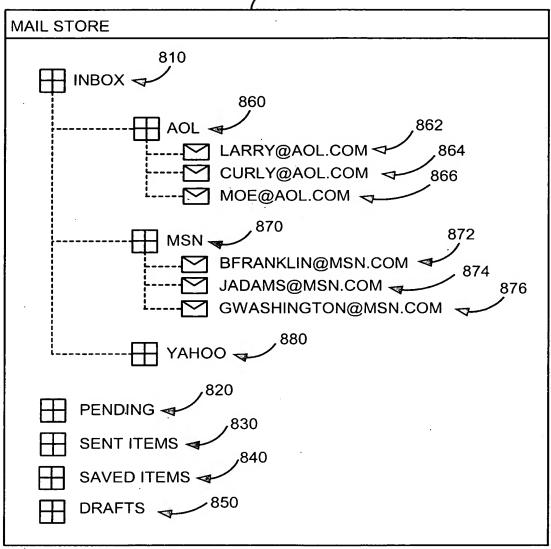


FIG. 7



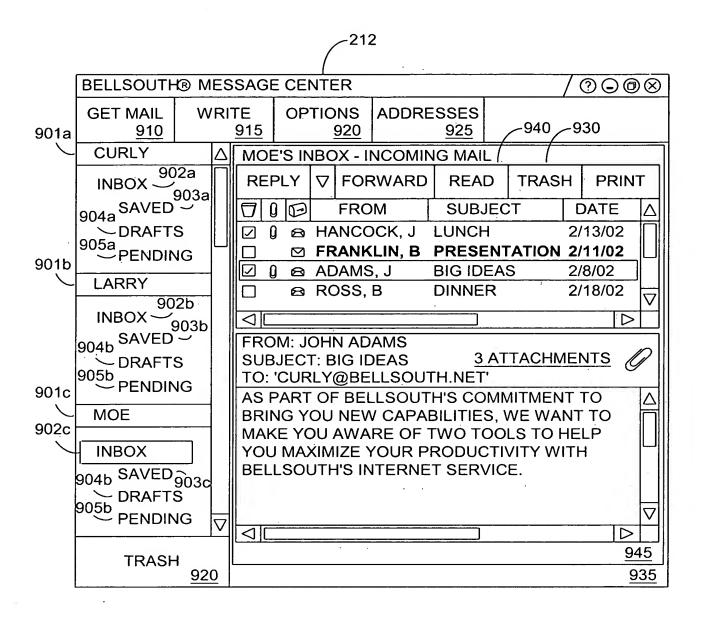
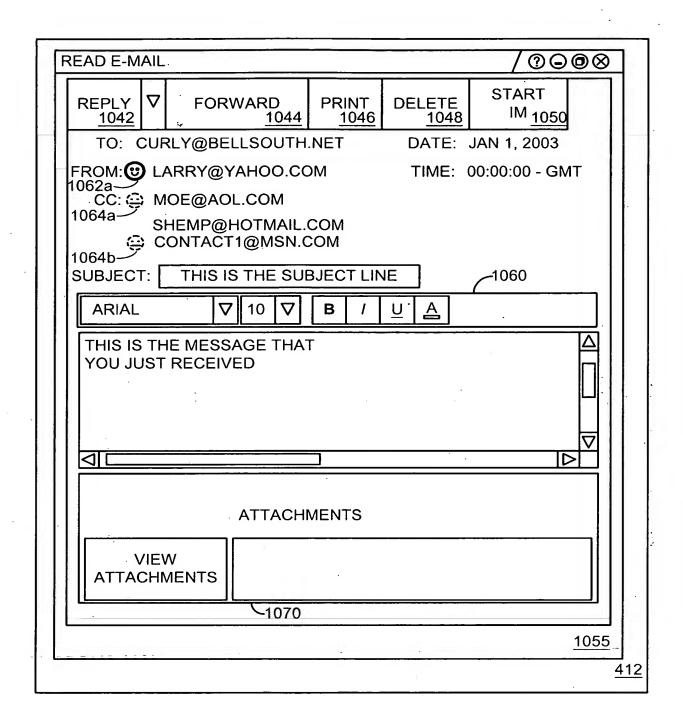
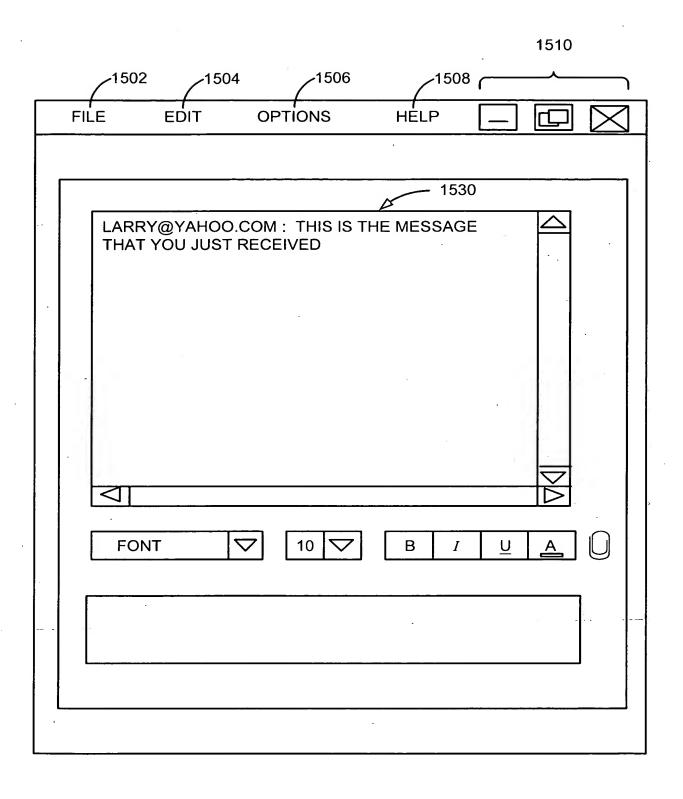


FIG. 9





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FIG. 10B

ADDRESS BOOK / ② ○ ● ⊗											
YOUR CONTACTS ARE IN ALPHABETICAL ORDER BY LAST NAME. TO FIND A SPECIFIC CONTACT, YOU CAN SCROLL THROUGH THE LIST OR USE THE SELECTION BUTTONS BELOW TO NARROW YOUR SEARCH. TO SEE A CONTACT'S COMPLETE INFORMATION DETAILS SELECT "CLICK."											
LAST NAMES LAS				T NAMES L-Z		NUMBERS E-N		MAIL LISTS		5	
	ELECT ECIPIENTS 1110			1115 1		120					
TO:	CC:	NA	NAME E-MAIL ADDRESS								
		BA	BACH, JOHANN BACHMAN@AOL.COM DETAILS]				
		BAER, MAX			MAX@BELLSOUTH.NET				TAILS		
		BALDWIN, ALEC			BALD@EARTHLINK.NET			↓	TAILS		
	×	BALDWIN, KIM			KIM@BELLSOUTH.NET				TAILS		
		BEST, PETE			BEST@HOTMAIL.COM			_	TAILS		
		BUNDY, AL			BUNDY@EXCITE.COM				TAILS		
		BUNDY, PEG			PEGGY@AOL.COM			-	TAILS		
	×	CARTER, JIMMY			PEANUT@GO.COM			DE	TAILS	HI	
305											
WRITE				/ E-MAIL LIST		DELETE	ED	EDIT		CEL	
<u>1125</u>			1130 1130			<u>135</u>	<u>1140</u>	1	<u>145</u>		1150
<u>1155</u>											
404											

ADD NEW CONTACT		/ ② ⊝ ⊚ ⊗				
CONTACT NAME						
LAST HOWARD	FIRST CUF	M.I. Q <u>1260</u>				
E-MAIL		INSTANT MESSAGING (IM)				
CURLY@BELLSOUTH.NET	WORK ▽	ENTER IM ADDRESS(ES) HERE, TO CHAT FROM "READ" WINDOW				
WISEGUY@STOOGE.NET	HOME ▽	CURLY2002 BELLSOUTH				
	<u>1265</u>	STOOGES1935 AOL 🗸				
E-MAIL LIST(S)		THECURLYMAN HOTMAIL V				
STOOGE GROUP	EDIT	WHYIOTTA PASSPORT V				
		1280				
	1270	STREET ADDRESS				
PHONE NUMBER(S)	1275	1313 MOCKINGBIRD LN. LINE 1				
770-555-6789	WORK ▽	SUITE 1234 LINE 2				
404-555-1234	HOME 🗸	ATLANTA CITY GA V STATE				
678-555-5432	CELL 🗸	30338 ZIP <u>1285</u>				
DESCRIPTION						
CURLY HAS TWO BROTHERS, MOE AND SHEMP. SHEMP IS NOT TOO FUNNY. HIS BIRTHDAY IS IN AUGUST. DO NOT LEAVE HIM IN						
CHARGE.	OUA NI 61 T	UST. DO NOT LEAVE HIM IN 1290				
		1295				
	-	<u>1235</u>				

	110 ADDRESS BOOK DATABASE						
110 ADDRESS BOOK DATABASE							
√	1310	1330	134	0			
ID	EMAIL ADDRESS	IM ADDRESS 1	IM ADDRESS 2	IM ADDRESS 3			
C1 ID	C1 EMAIL ADDR. 1	C1 IM ADDR. 1	C1 ADDR. 2	C1 ADDR. 3			
C2 ID	C2 EMAIL ADDR. 1	C2 IM ADDR. 1					
C3 ID		C3 IM ADDR. 1	C3 ADDR. 2	C3 ADDR. 3			
C4 ID	C4 EMAIL ADDR. 1	C4 IM ADDR. 1	C4 ADDR. 2				
C5 ID	C5 EMAIL ADDR. 1	·					
C6 ID							
•		· ·		: :			
C _{I-1} ID	C _{I-1} EMAIL ADDR. 1						
C _I ID	C _I EMAIL ADDR. 1	C _I IM ADDR. 1					
C _{I+1} ID	C _{I+1} EMAIL ADDR. 1	C _{I+1} IM ADDR. 1	·				
C _{N-2} ID		C _{N-2} IM ADDR. 1	C _{N-2} ADDR. 2	C _{N-2} ADDR. 3			
C _{N-1} ID	C _{N-1} EMAIL ADDR. 1	C _{N-1} IM ADDR. 1	C _{N-1} ADDR. 2	C _{N-1} ADDR. 3			
C _N ID	C _N EMAIL ADDR. 1	C _N IM ADDR. 1	C _N ADDR. 2	C _N ADDR. 3			

FIG. 13A

	110 ADDRESS BOOK DATABASE						
ADDRESS BOOK DATABASE (XML-STRUCTURED DATABASE)							
√ 1	310 1320	1330	134	0 1350			
ID	EMAIL ADDRESS	IM ADDRESS 1	PHONE NO.	FAX NUMBER			
. C1 ĮD	C1 EMAIL ADDR. 1	C1 IM ADDR. 1	C1 PH. NO.	C1 FAX NO.			
C2 ID	C2 EMAIL ADDR. 1	C2 IM ADDR. 1					
C3 ID	,	C3 IM ADDR. 1	C3 PH. NO.	C3 FAX NO.			
C4 ID	C4 EMAIL ADDR. 1	C4 IM ADDR. 1	C4 PH. NO.				
C5 ID	C5 EMAIL ADDR. 1	:	C5 PH. NO.	C5 FAX NO.			
C6 ID			C6 PH. NO.	C6 FAX NO.			
:		; • •	• •	• •			
C _{I-1} ID	C _{I-1} EMAIL ADDR. 1		C _{I-1} PH. NO.	C _{I-1} FAX NO.			
C _I ID	C ₁ EMAIL ADDR. 1	C, IM ADDR. 1					
C _{I+1} ID	C _{I+1} EMAIL ADDR. 1	C _{I+1} IM ADDR. 1		C _{I+1} FAX NO.			
			•	•			
C _{N-2} ID	·	C _{N-2} IM ADDR. 1	C _{N-2} PH. NO.	C _{N-2} FAX NO.			
C _{N-1} ID	C _{N-1} EMAIL ADDR. 1	C _{N-1} IM ADDR. 1	C _{N-1} PH. NO.	C _{N-1} FAX NO.			
C _N ID	C _N EMAIL ADDR. 1	C _N IM ADDR. 1	C _N PH. NO.	C _N FAX NO.			

FIG. 13B

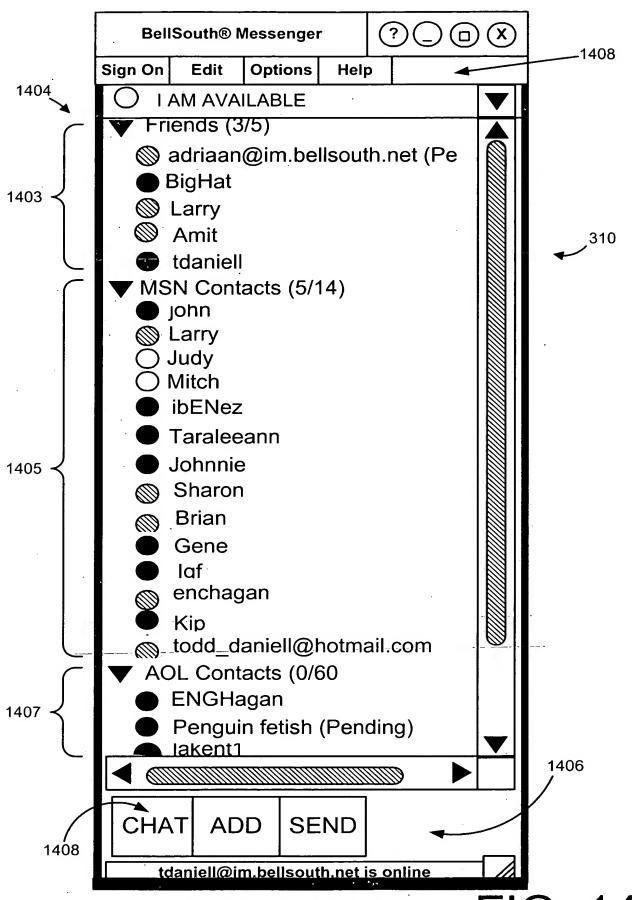
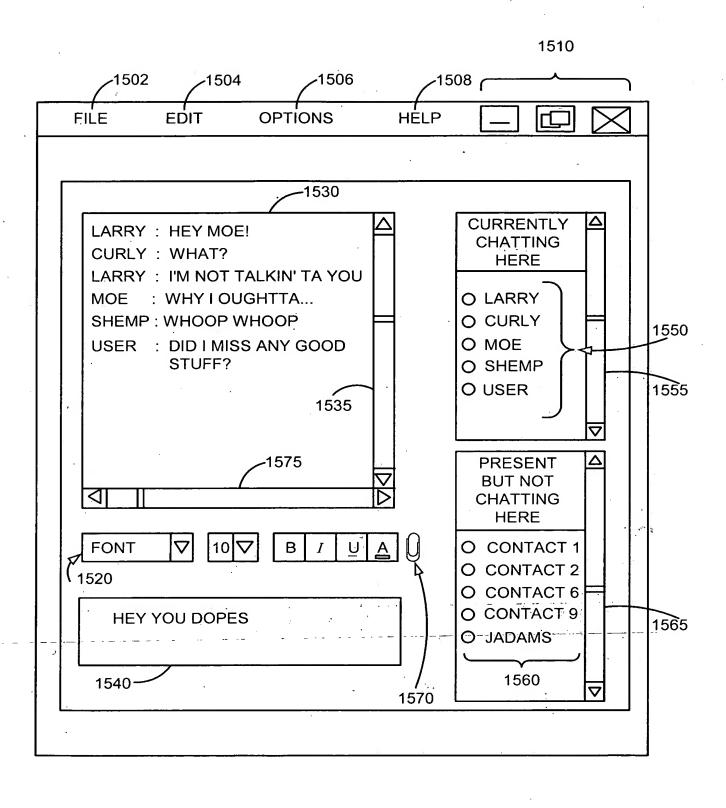
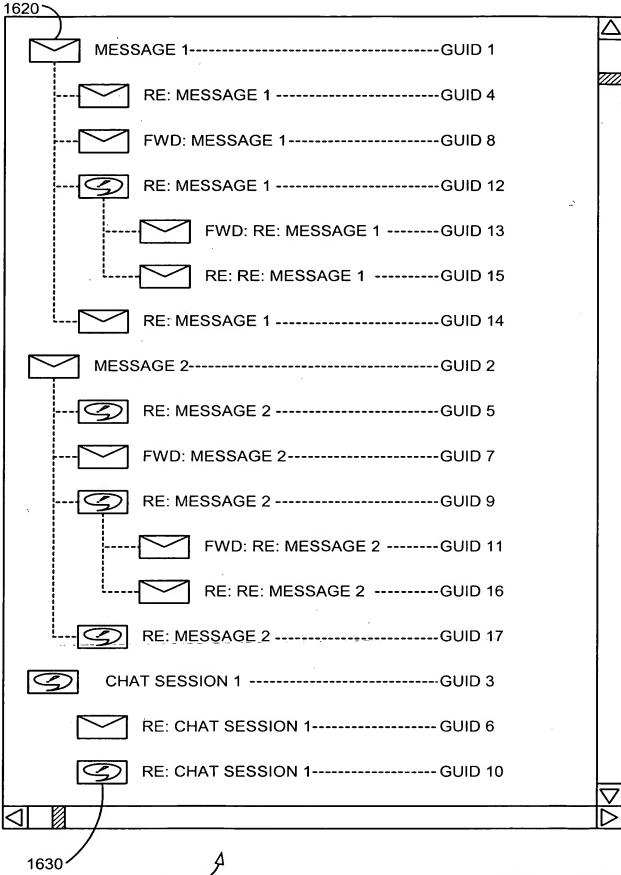


FIG. 14



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FIG. 15



1610

FIG. 16

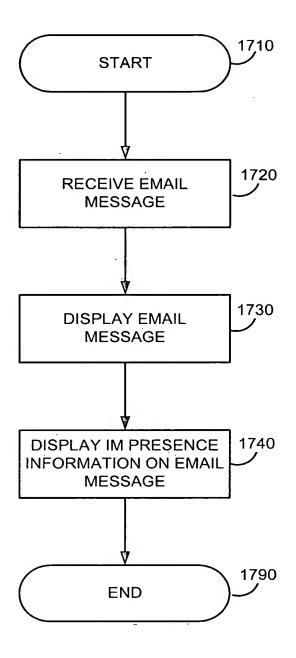


FIG. 17

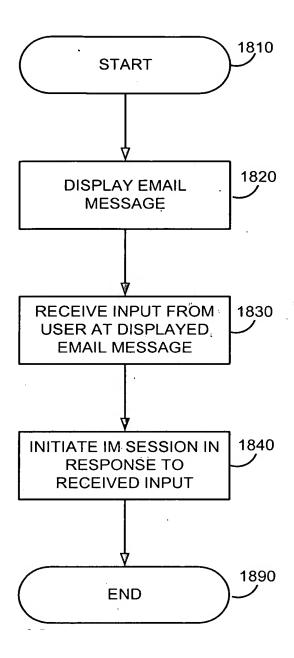


FIG. 18A

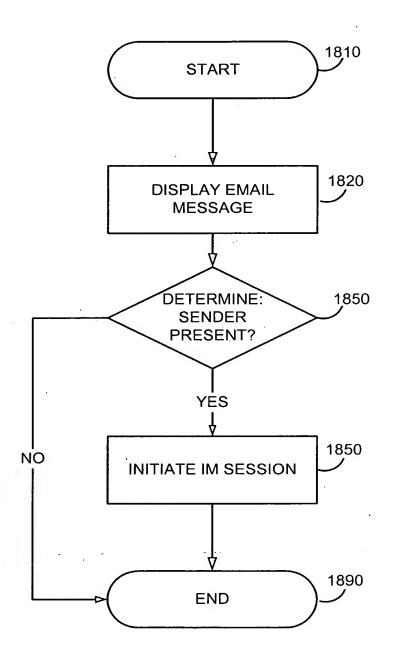


FIG. 18B

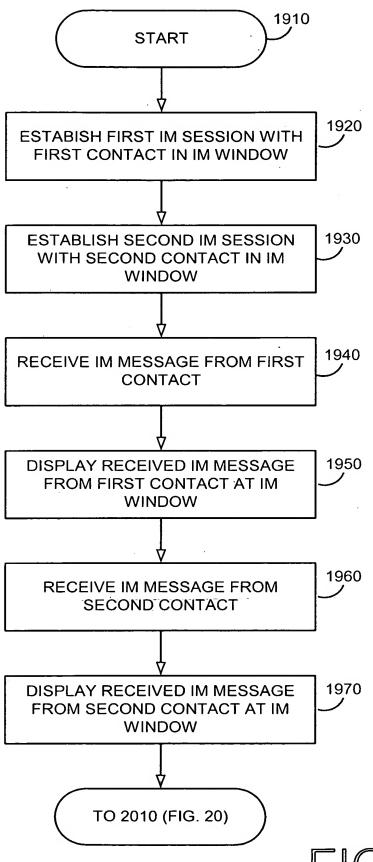


FIG. 19

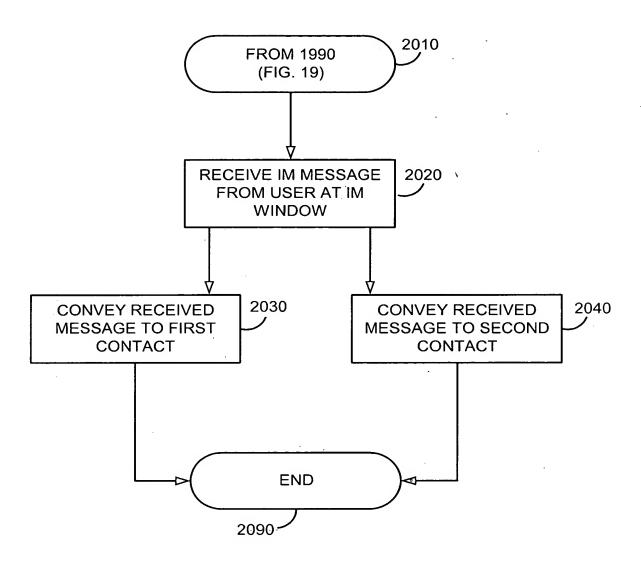


FIG. 20

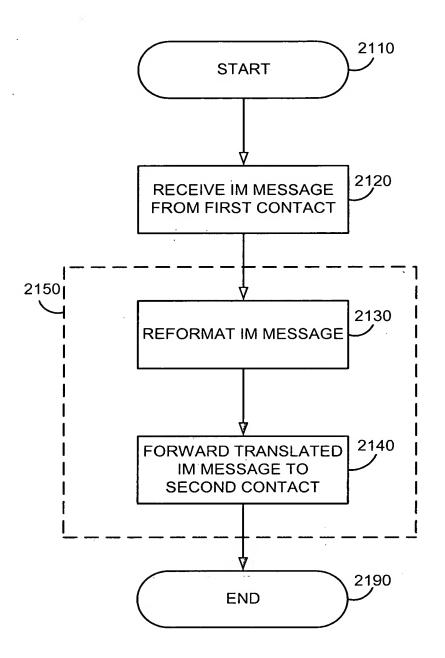


FIG. 21

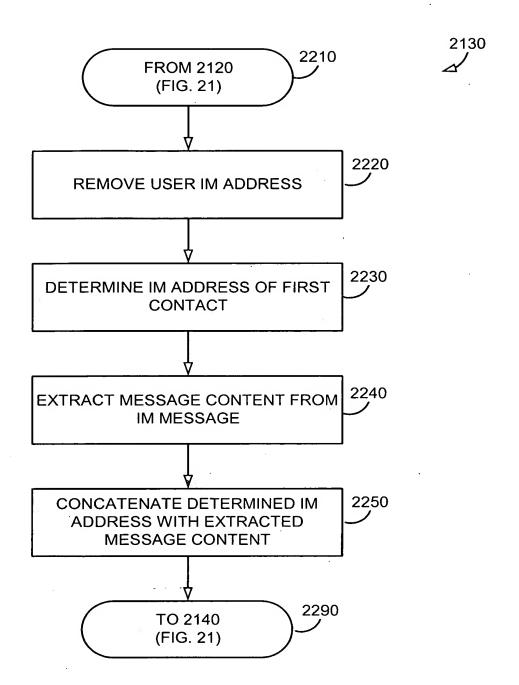
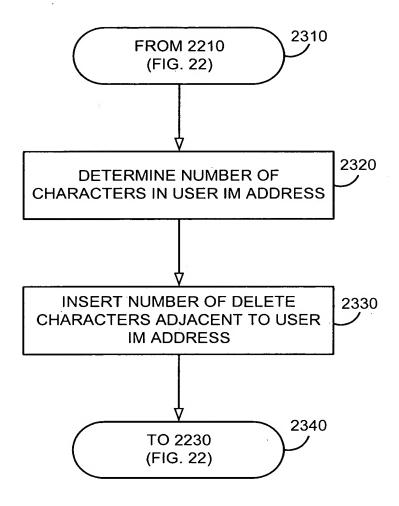
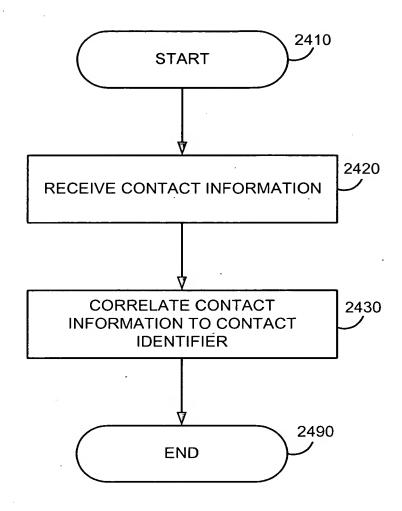


FIG. 22





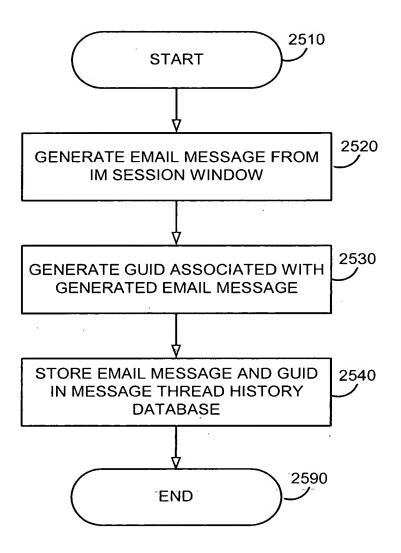


FIG. 25

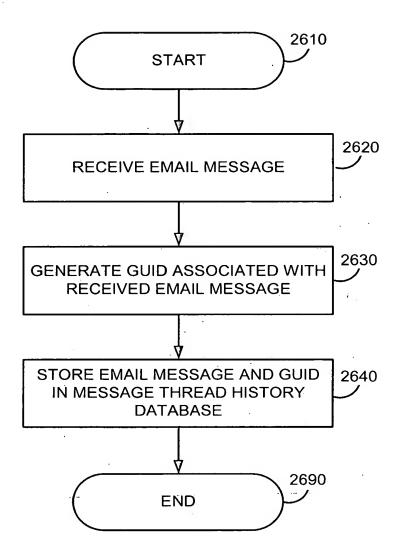


FIG. 26

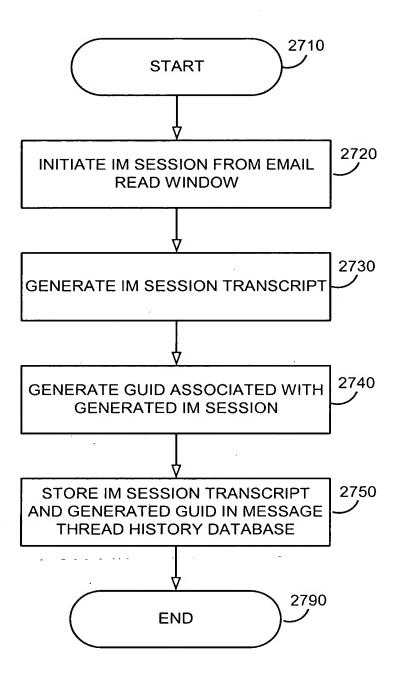
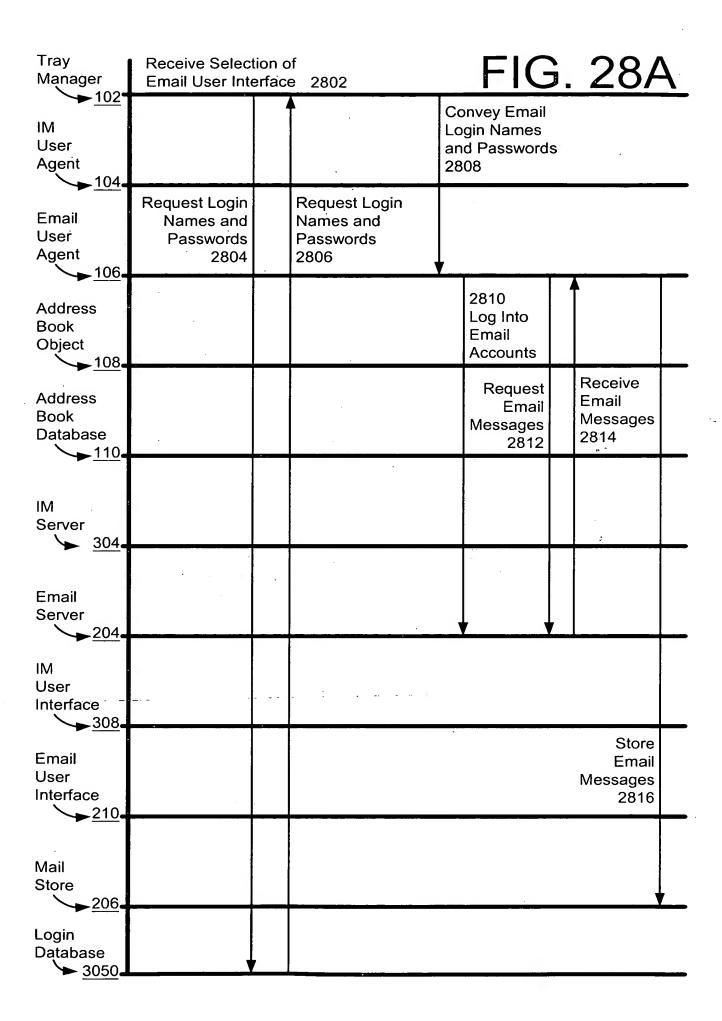
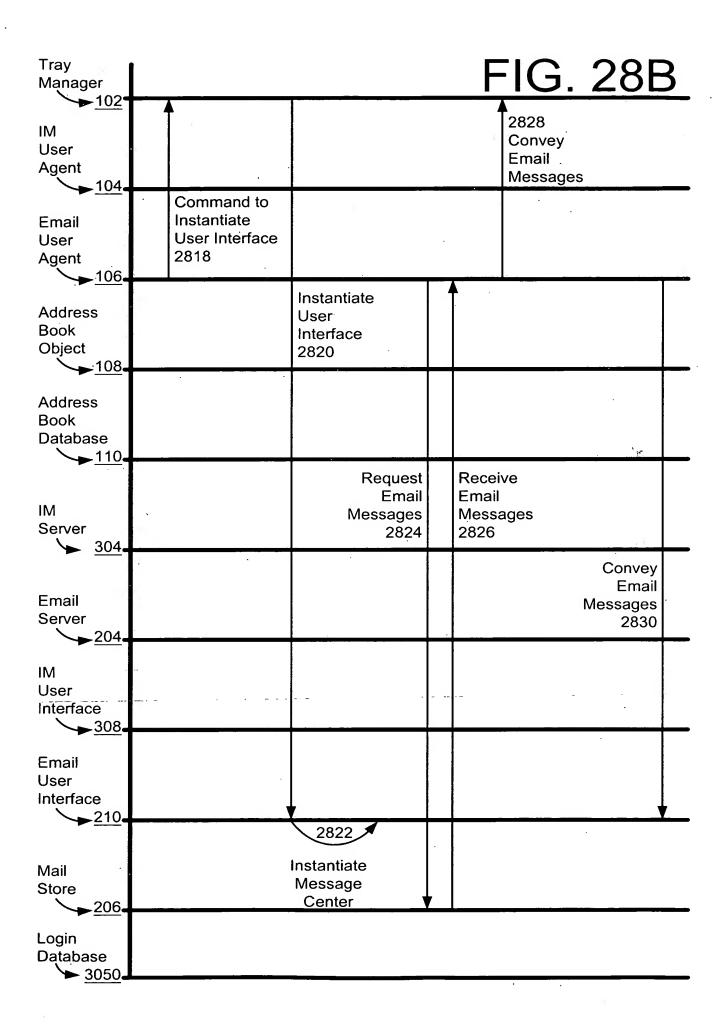
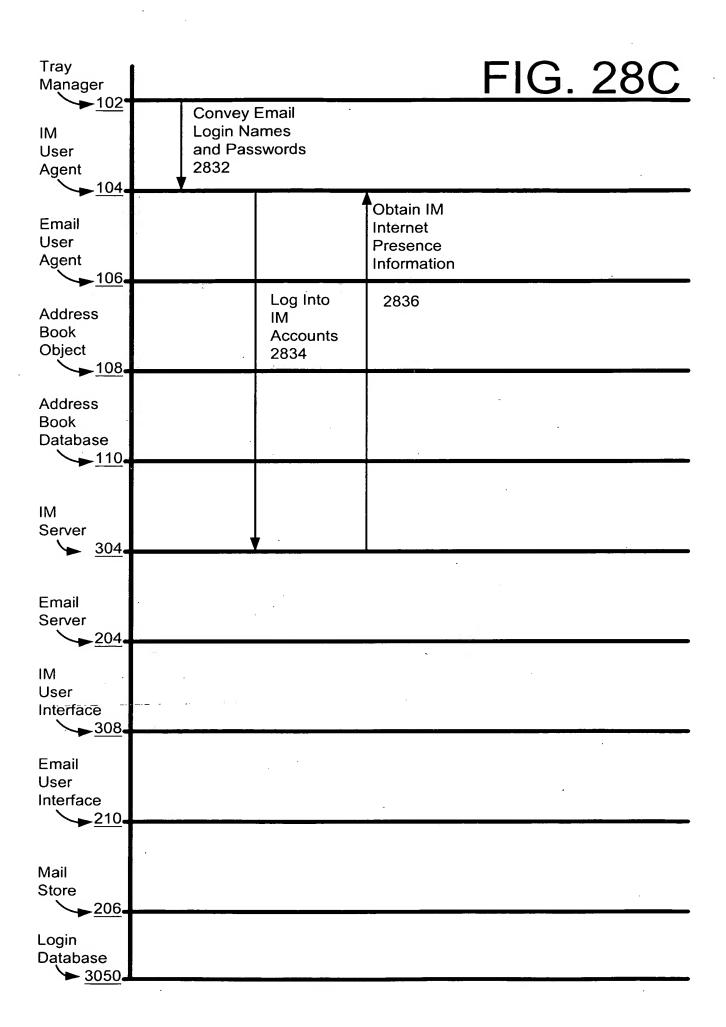
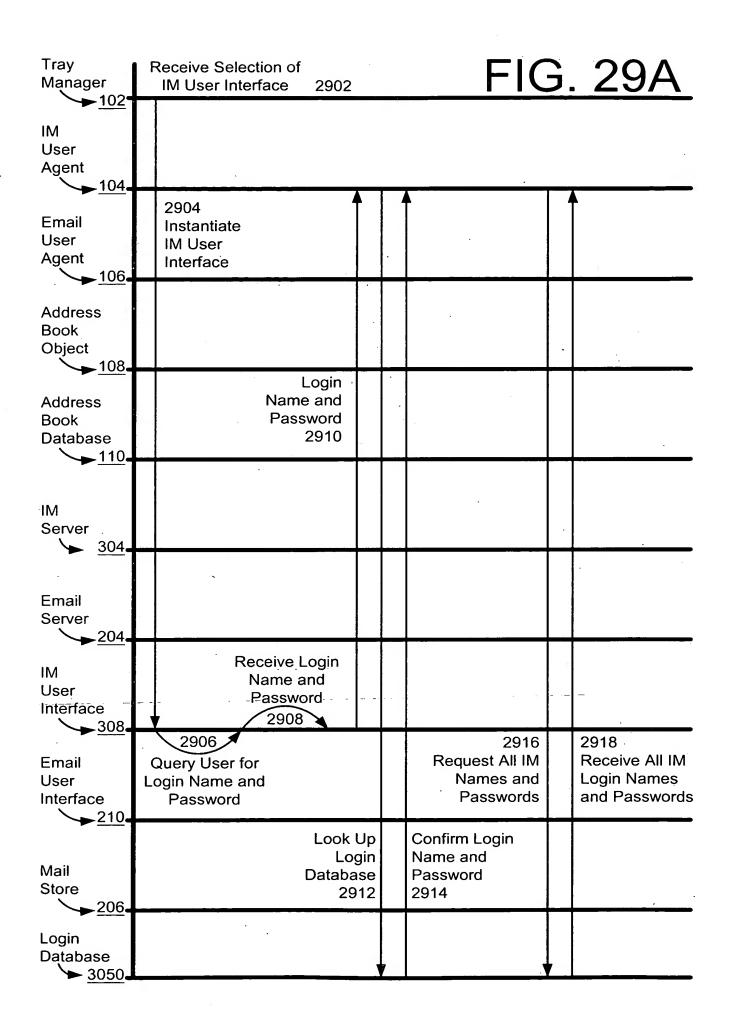


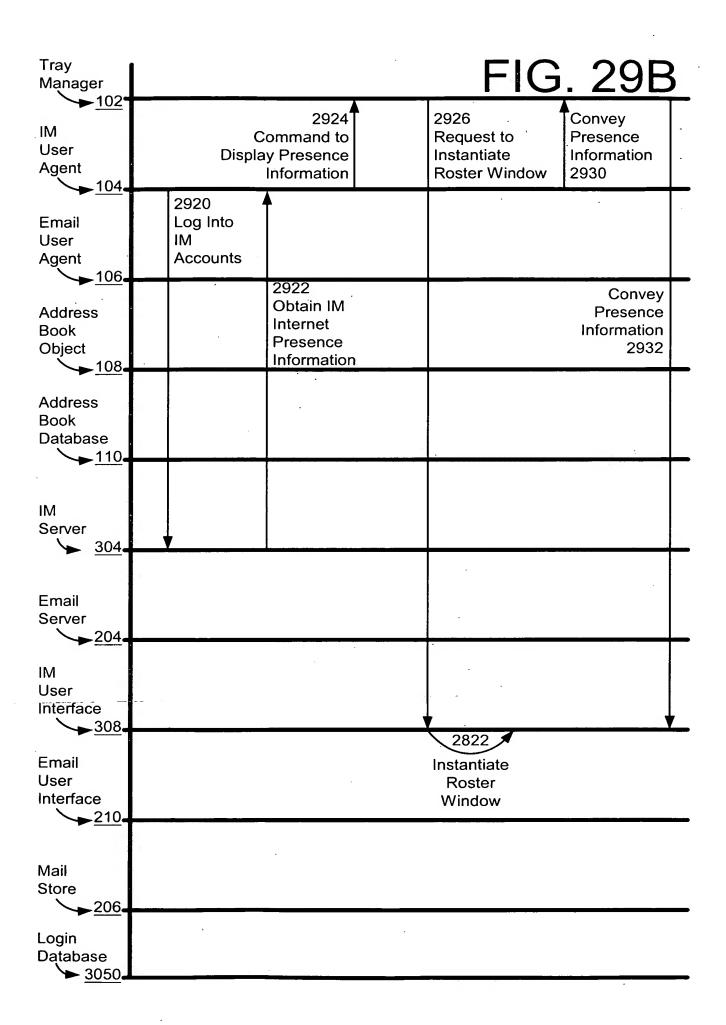
FIG. 27

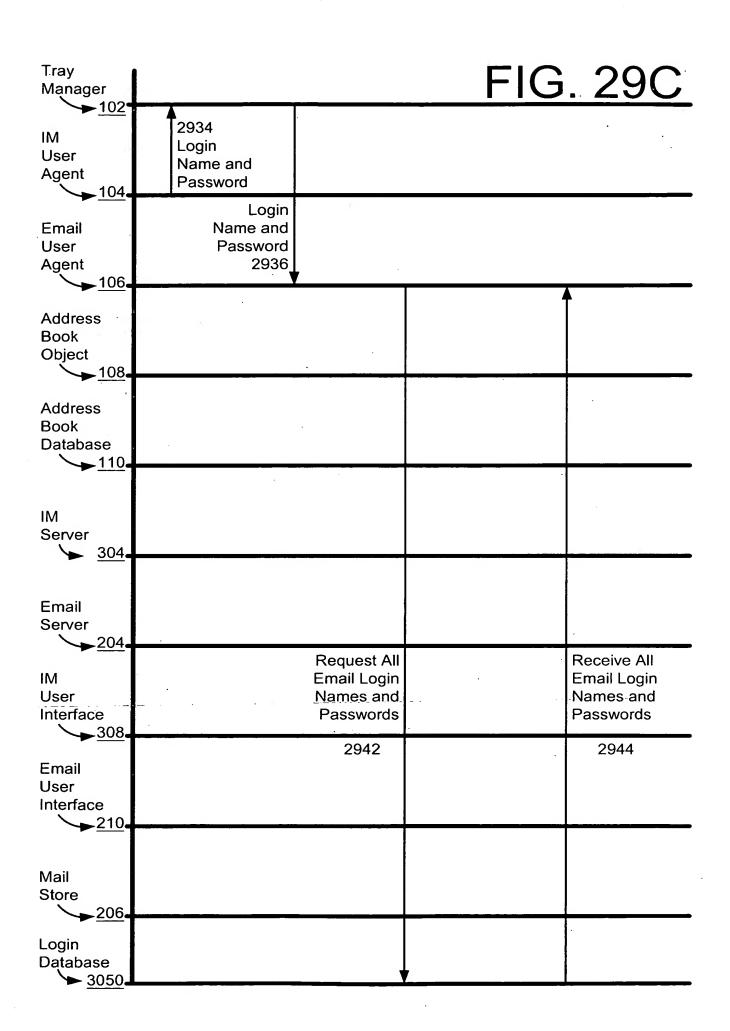


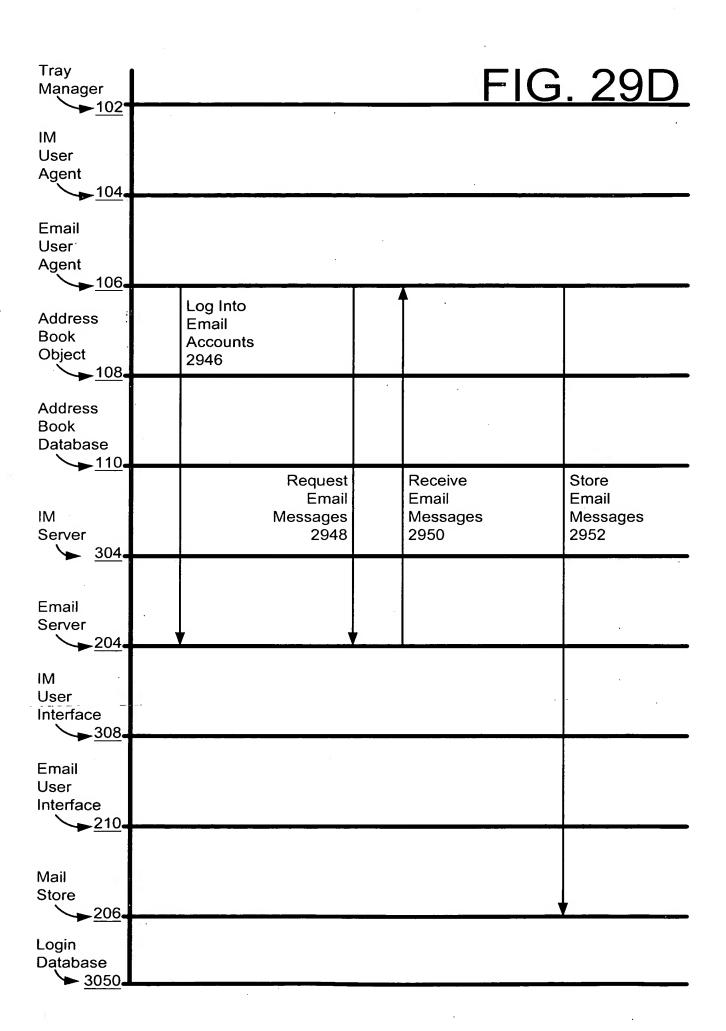












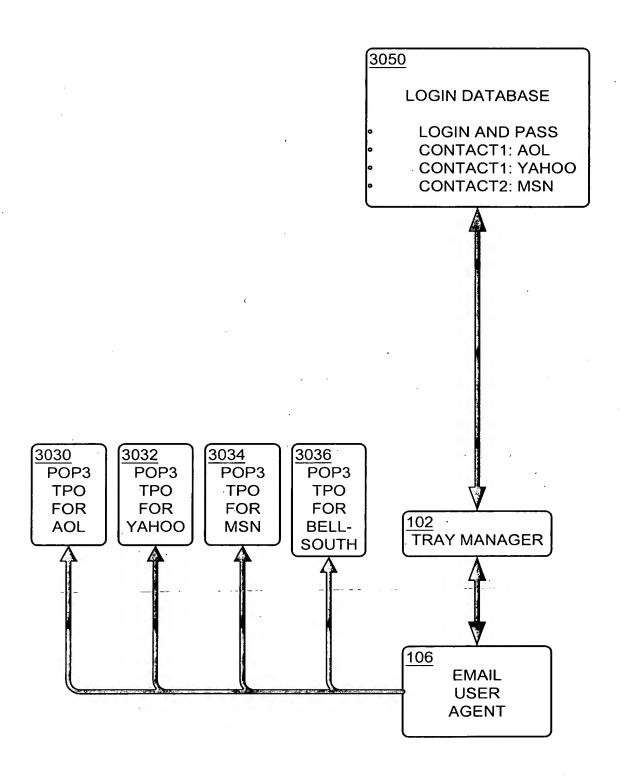


FIG. 30

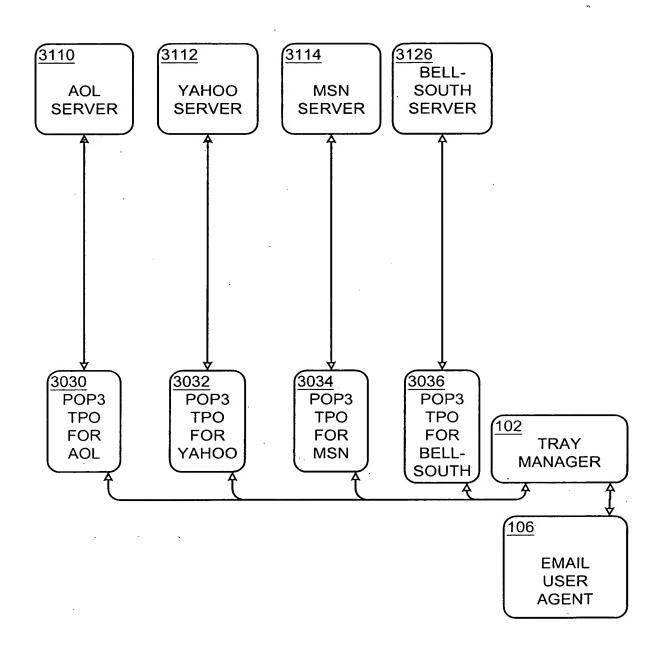


FIG. 31